

Figure 1
PhenoSense-HBV: Indicator Gene Viral Vector

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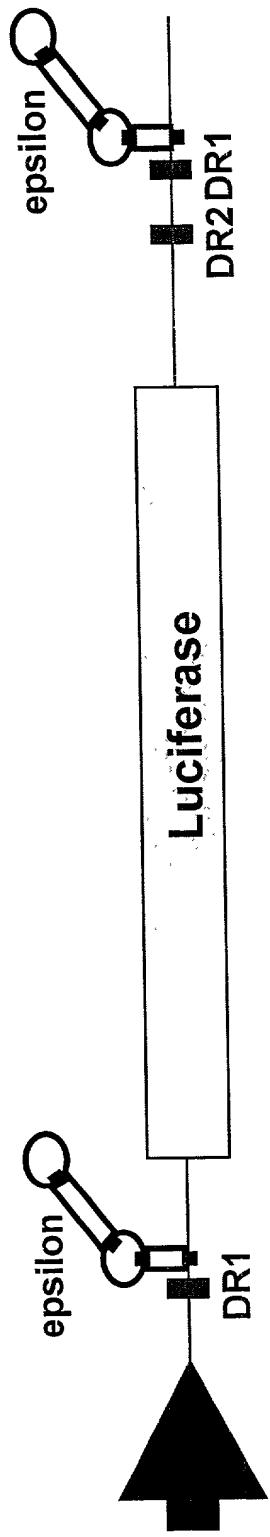


Figure 2

PhenoSense-HBV: Resistance Test Vector

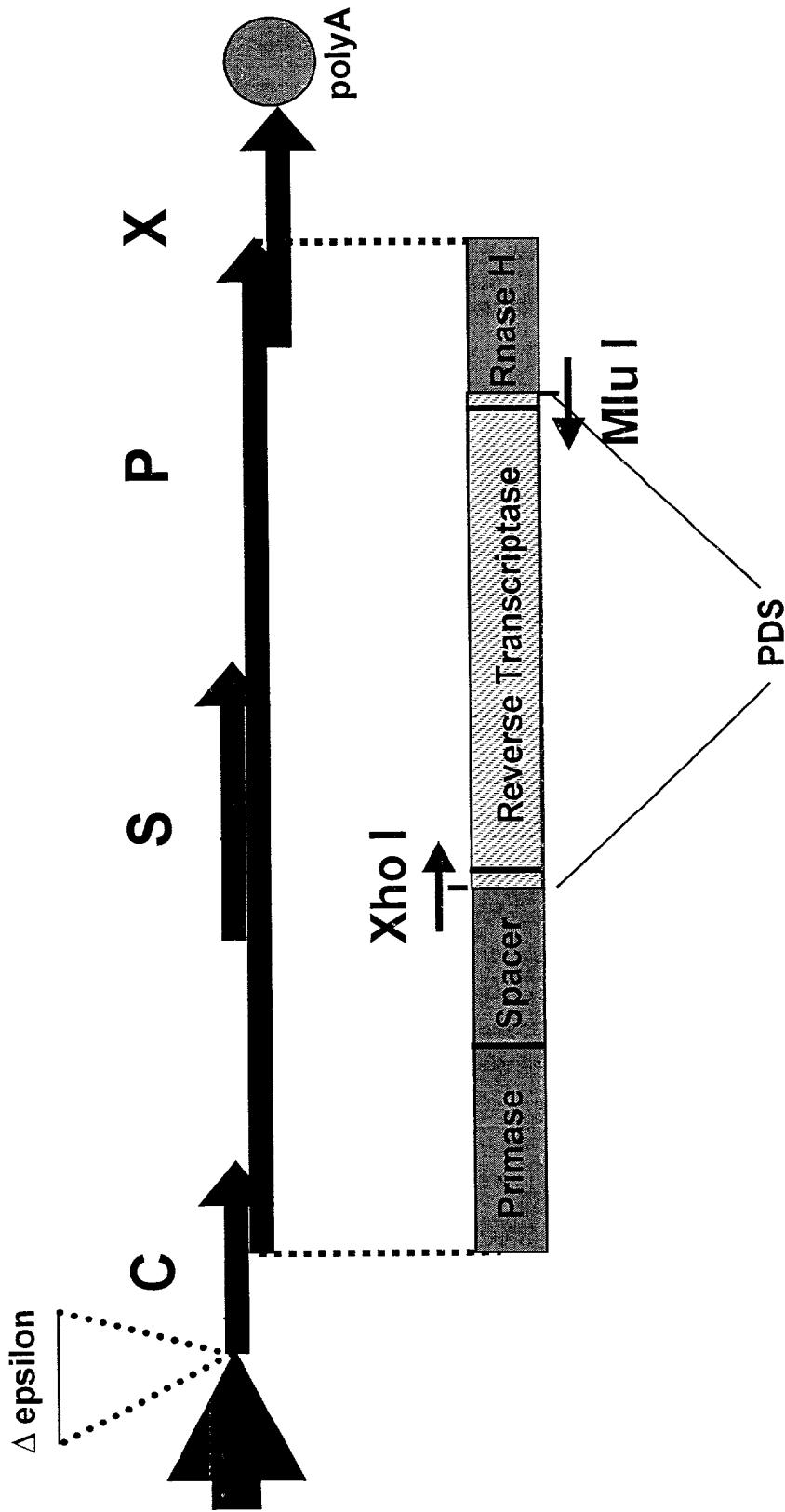
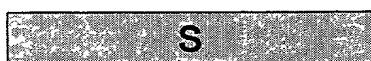


Figure 3

A) HBV

S



M



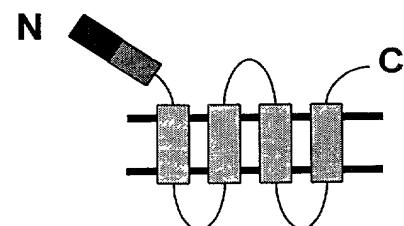
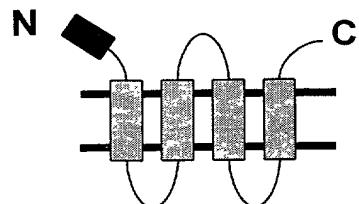
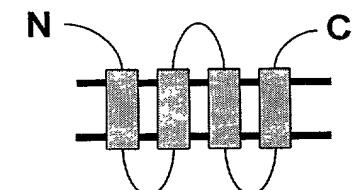
L



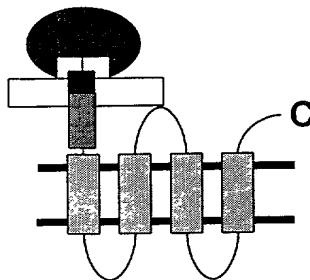
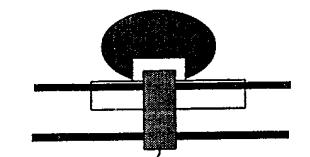
B) HFV



C1) HBV/HFV



C2) HBV/HFV



Organization of HBV and HFV envelope proteins

- HBV env, S, PreS2, PreS1 domains represent the small (S), middle (M), and large (L) surface proteins, respectively
- HFV SU = surface, TM = transmembrane
- Chimeric HBV/HFV env fusion protein with PreS1N-term deletion
- Chimeric HBV/HFV env fusion protein with PreS1 N-term deletion and PresS2 C-term deletion